

DISCUSSION GROUP T10

GAS TURBINE OPERATION and MAINTENANCE



Meherwan P. Boyce is Chairman of The Boyce Consultancy Group, LLC, in Houston, Texas. He has 40 years of experience in the turbomachinery field, with 30 years in the design of compressors and turbines. His 15 years in academia include being Professor of Mechanical Engineering at Texas A&M University, and Founder of the Turbomachinery Laboratories and the Turbomachinery Symposium. Dr. Boyce has authored more than 130 technical publications and several books, including Gas Turbine Engineering Handbook, Cogeneration & Combined Cycle Power Plants, and Centrifugal Compressors, A Basic Guide. He has taught over 150 short courses globally attended by over 4500 students representing 400 companies, and is a Consultant to the aerospace, petrochemical, and utility industries. Dr. Boyce received a B.S. and M.S. degree (Mechanical Engineering) from the South Dakota School of Mines and Technology and the State University of New York, respectively, and a Ph.D. degree (1969) from the University of Oklahoma.



Rainer Kurz is Manager of Systems Analysis and Field Testing for Solar Turbines Inc., in San Diego, California. His organization is responsible for conducting application studies, gas compressor and gas turbine performance predictions, and site performance testing. He joined Solar Turbines Incorporated in 1993, and has authored more than 70 publications in the field of turbomachinery. Dr. Kurz attended the University of the German Armed Forces, in Hamburg, Germany, where he received the degree of a Dipl.-Ing., and, in 1991, the degree of a Dr.-Ing. He was elected as an ASME Fellow in 2003.



Francisco Gonzalez is a Principal Rotating Equipment Engineer for Enterprise Products. Enterprise Products currently operates machinery over 3 MM installed horsepower in Natural Gas and NGL Processing Plants and over 50,000 miles of pipelines transportation various NGLs, and Natural Gas, Crude and Refine Products in the USA. Mr. Gonzalez has over 22 years of experience in Operations and Maintenance of Rotating Equipment. Enterprise currently operates over 385 gas turbine compressor and pump packages, and over 450 reciprocating compressor packages. Mr. Gonzalez has co authored several technical papers for Turbo Machinery Symposium and ASME Power Gen as well as articles on Improving Reliability in various publications. Mr. Gonzalez graduated from the University of Houston with a Bachelors degree in Mechanical Engineering in 1990.